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Date: October 15, 2004

By:

*Sandy Reisman*  
Sandy Reisman

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: HANS VAN TOOR *ET AL.*

APPLICATION NO.: 10/750,457

FILED: DECEMBER 31, 2003

FOR: **LOW TRANS-FATTY ACID FAT  
COMPOSITIONS; LOW-TEMPERATURE  
HYDROGENATION, E.G., OF EDIBLE OILS**

EXAMINER: NOT YET ASSIGNED

ART UNIT: 1621

CONF. No: 4983

**Information Disclosure Statement Within Three Months of  
Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 C.F.R. § 1.97(b)]. The references listed on the enclosed Form PTO/SB/08a/b may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☒ Copies of the following references are enclosed:

- ☒ All foreign patent documents and non-patent literature documents
- ☐ References marked by asterisks
- ☐ The following:

- ☐ Copies of the following references can be found in parent U.S. Application No.:
- ☐ All cited references
  - ☐ References marked by asterisks
  - ☐ The following:
- ☒ No copies of U.S. patents nor published applications are enclosed.
- ☒ The following reference is not in English. No translation or abstract has been found.
- ☐ All cited references
  - ☒ Reference marked by one asterisk
  - ☐ The following:
- ☒ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.
- ☐ All cited references
  - ☒ References marked by two asterisks
  - ☐ The following:

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

- ☐ Applicant further submits that no fee is due in light of the following certification under 37 C.F.R. § 1.97(e) (check only one):
- ☐ In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
- ☐ In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.

However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,  
Perkins Coie LLP



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Edward S. Hotchkiss  
Registration No. 33,904

Date: October 14, 2004

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/750,457-Conf. #4983
				Filing Date	December 31, 2003
				First Named Inventor	Hans Van Toor
				Art Unit	1621
				Examiner Name	Not Yet Assigned
Sheet	1	of	8	Attorney Docket Number	334498005US2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-2002/0016519	02-07-2002	Cornelis Lok	
		US-3856710	12-24-1974	KARL J. MOULTON, ET AL.	
		US-4088603	05-09-1978	JAMES L. CARTER, ET AL.	
		US-4134905	01-16-1979	JOHN M. HASMAN	
		US-4184982	01-22-1980	WOLFGANG SCHROEDER, ET AL.	
		US-4188333	02-12-1980	RAYMOND M. CAHEN	
		US-4209547	06-24-1980	DANIEL A. SCARPIELLO, ET AL.	
		US-4213882	07-22-1980	HERBERT KRANICH	
		US-4228088	10-14-1980	JAN KUIPER	
		US-4229361	10-21-1980	RAYMOND MARC CAHEN	
		US-4251672	02-17-1981	JAMES L. CARTER	
		US-4260643	04-07-1981	WALTER M. COCHRAN	
		US-4263225	04-21-1981	JAMES L. CARTER	
		US-4278609	07-14-1981	JAN KUIPER	
		US-4307026	12-22-1981	JAN KUIPER	
		US-4317748	03-02-1982	JOHN TOROK	
		US-4326932	04-27-1982	ALBERT FROLING	
		US-4356197	10-26-1982	MICHAEL T. DEVITT	
		US-4385001	05-24-1983	BRUCE I. ROSEN	
		US-4399007	08-16-1983	ALBERT FROLING	
		US-4424162	01-03-1984	BRUCE I. ROSEN	
		US-4424163	01-03-1984	BRUCE I. ROSEN	
		US-4479902	10-30-1984	BRUCE I. ROSEN	
		US-4510091	04-09-1985	BRUCE I. ROSEN	
		US-4510092	04-09-1985	BRUCE I. ROSEN	
		US-4519951	05-28-1985	GAIL M. QUALEATTI	
		US-4547319	10-15-1985	GAIL M. QUALEATTI	
		US-4584139	04-22-1986	THOMAS J. GRAY	
		US-4590007	05-20-1986	JAMES R. TUCKER	
		US-4626604	12-02-1986	ANDREW G. HILES	
		US-4666635	05-19-1987	HELMUT KLIMMEK	
		US-4670416	06-02-1987	HELMUT KLIMMEK	
		US-4725573	02-16-1988	CAROLUS M. A. M. MESTERS	
		US-4786402	11-22-1988	THOMAS ANSTOCK	
		US-4847016	07-11-1989	GERD GOBEL	
		US-4871485	10-03-1989	JACOB B. RIVERS	
		US-4960960	10-02-1990	GEORGE E. HARRISON	
		US-4973430	11-27-1990	JACOB B. RIVERS	
		US-5087599	02-11-1992	MARTHA J. P. BOTMAN	
		US-5112792	05-12-1992	CORNELIS M. LOK	
		US-5223470	06-29-1993	HERMANUS J. BOUWMAN	

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Sheet	2	of	8	Attorney Docket Number	334498005US2

	US-5225581	07-06-1993	PETER N. PINTAURO	
	US-5298638	03-29-1994	GABRIELLA J. TOENEBOEHN	
	US-5354877	10-11-1994	ARNO BEHR	
	US-5360920	11-01-1994	VICKI L. WEBER	
	US-5399792	03-21-1995	GUENTHER DEMMERING	
	US-5463096	10-31-1995	CORNELIS M. LOK	
	US-5492877	02-20-1996	GIUSEPPE GUBITOSA	
	US-5498587	03-12-1996	GREGOR DECKERS	
	US-5599376	02-04-1997	JOHN D. CAMP	
	US-5674796	10-07-1997	HO-IN LEE	
	US-5693835	12-02-1997	HIROAKI KONISHI	
	US-5734070	03-31-1998	THOMAS TACKE	
	US-5863589	01-26-1999	ROBERT M. COVINGTON	
	US-5885643	03-23-1999	DHARMA KODALI	
	US-5912041	06-15-1999	ROBERT M. COVINGTON	
	US-5962711	10-05-1999	MAGNUS HARROD	
	US-5981781	11-09-1999	SUSAN KNOWLTON	
	US-6113976	09-05-2000	RUTH G. CHIOU	
	US-6129789	10-10-2000	HIROSHI KAWASE	
	US-6218556	04-17-2001	PETER N. PINTAURO	
	US-6229032	05-08-2001	PIERRE JACOBS	
	US-6265596	07-24-2001	MAGNUS HARROD	
	US-6365558	12-27-2001	KASTURI LAL	
	US-6383992	05-07-2002	William Garmier	
	US-6391369	05-21-2002	FRANK R. KINCS	
	US-6420322	07-16-2002	DHARMA R. KODALI	
	US-6452029	09-17-2002	GERARD HILLION	
	US-6544579	04-08-2003	TODD LANDON	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		EP-0 021 527-B1	05-18-1983	Unilever NV		
		EP-0 021 528-B1	03-23-1983	Unilever NV		
		EP-0 114 704-A2	08-01-1984	Unilever PLC		
		EP-0 120 122-A2	10-03-1984	Olin Corporation		
		EP-0 215 563-A2	03-25-1987	Davy McKee (London) Limited		
	**	EP-0 230 971-A2	08-05-1987	Henkel Kommanditgesellschaft auf Aktien		
		EP-0 246 366-A1	11-25-1987	The Procter & Gamble Company		
		EP-0 277 230	08-10-1988	Rivers, Jacob		

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		EP-0 291 303	11-17-1988	Unilever NV/Unilever PLC		
		EP-0 300 018-B1	01-25-1989	Davy McKee (London) Limited		
		EP-0 314 044-A2	05-03-1989	AIR PRODUCTS AND CHEMICALS, INC.		
		EP-0 389 158	09-26-1990	UBE INDUSTRIES, LTD./CONSIGLIO NAZIONALE DELLE RICERCHE ISTITUTO DI RICERCHE SUI METODI E PROCESSI CHIMICI PER LA TRASFORMAZIONE E L'ACCUMULO		
		EP-0 398 668	11-22-1990	UNICHEMA CHEMIE BV/UNILEVER NV		
		EP-0 429 995-A2	06-05-1991	HELIOS OIJARNA DOMZALE d.o.o.		
	**	EP-0 472 918-A1	03-04-1992	HOECHST AKTIENGESELLSCHAFT		
		EP-0 528 850-A1	03-03-1993	THE PROCTER & GAMBLE COMPANY		
		EP-0 534 524-A2	03-31-1993	Unilever NV/Unilever PLC		
		EP-0 569 110-A1	11-10-1993	W.R. Grace & Co. Conn.		
		EP-0 572 081-A1	12-01-1993	Ministero Dell 'Universita' E Della Ricerca Scientifica Tecnologica		
		EP-0 654 074-B1	05-24-1995	The Proctor & Gamble Company		
		EP-0 665 287-A2	08-02-1995	SNOW BRAND MILK PRODUCTS CO., LTD.		
		EP-0 674 698-A1	10-04-1995	NORSK HYDRO A.S		
		EP-0 703 728-B1	04-03-1996	CARGILL, INCORPORATED		
	**	EP-0 745 116-B1	12-04-1996	Degussa Aktiengesellschaft		
		EP-0 757 031-A2	02-05-1997	Pfizer Inc.		
		EP-0 791 041-B1	08-27-1997	Poul Moller Ledel Ses-Og Ingeniørraadgivning Aps		
		EP-0 831 713-B1	04-01-1998	Unilever NV/Unilever PLC		
		EP-0 917 561-B1	05-25-1999	K.U. Leuven Research & Development		
		EP-0 921 728	06-16-1999	Cargill, Inc.		
		EP-1 057 887-A1	12-06-2000	DANISCO A/S		
		EP-1 154 854-A1	11-21-2001	IMPERIAL CHEMICAL INDUSTRIES PLC		
		EP-0 114 704-B2	01-04-1995	Unilever NV		
		WO-00/47320-A1	08-17-2000	Imperial Chemical Industries PLC		
Examiner Signature				Date Considered		

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				Art Unit	1621
				Examiner Name	Not Yet Assigned
Sheet	4	of	8	Attorney Docket Number	334498005US2

		WO-02/00815-A2	01-03-2002	Renewable Lubricants, Inc.		
		WO-03/080779-A1	10-02-2003	FUJI OIL EUROPE		
		WO-03/353152-A2	07-03-2003	FUJI OIL EUROPE		
		WO-03/59505-A1	07-24-2003	ARCHER-DANIELS-MIDLAND COMPANY		
		WO-88/00855-A1	02-11-1988	RIVERS, Jacob, Boyd, Jr.		
		WO-88/05767	08-11-1988	Davy McKee (London) Limited		
		WO-91/17667-A1	11-28-1991	THE PROCTER & GAMBLE COMPANY		
		WO-94/03566-A1	02-17-1994	THE PROCTER & GAMBLE COMPANY		
		WO-94/11472-A1	05-26-1994	NORSK HYDRO A.S		
		WO-94/15478-A1	07-21-1994	UNILEVER PLC UNILEVER NV		
		WO-95/00035-A1	01-05-1995	E.I. DU PONT DE NEMOURS AND COMPANY		
		WO-95/00036-A1	01-05-1995	E.I. DU PONT DE NEMOURS AND COMPANY COVINGTON, Robert, Melvin, Jr. JUNGER, Ernie, H.		
	**	WO-95/22591-A1	08-24-1995	Degussa et al.		
		WO-96/01304-A1	01-18-1996	Poul Moller Ledelses - og Ingeniorradgivning APS		
		WO-97/43907-A1	11-27-1997	CARGILL, INCORPORATED		
		WO-98/54275-A2	12-03-1998	K. U. LEUVEN RESEARCH & DEVELOPMENT		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		"PRICAT Catalysts for the Hydrogenation of Edible Oils," <a href="http://www.synetix.com/edibleoils/applications-edibleoils.htm">http://www.synetix.com/edibleoils/applications-edibleoils.htm</a> , 2 pages July 25, 2003.		
		ANDERSON, J.A., et al., "Influence of the Support in the Selectivity of Ni Clay Catalysts for Vegetable Oil Hydrogenation," Amer Chemical Soc.: 2485-2490 October 1993		

Examiner Signature		Date Considered	
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			Art Unit	1621	
			Examiner Name	Not Yet Assigned	
Sheet	5	of	8	Attorney Docket Number	334498005US2

	ANDRADE, G.M.S., et al., "A Statistical Evaluation of the Effects of Process Variables During Catalytic Hydrogenation of Passion Fruit (passiflora edulis) Seed Oil," Braz. J. Chem. Eng., Vol. 15, No. 1, ISSN 0104-6632, 12 pages, March 1998.	
	BALAKOS, M.W., et al., "Catalyst characteristics and performance in edible oil hydrogenation," CATALYSIS TODAY 35 (4): 415-425 APR 11 1997.	
	BAYER, E., et al., "Selective Hydrogenation of Oleic Acid-Rich Oils in Aqueous-Medium by a PVP-Ni-Catalyst," Fett Wissenschaft Technologie-Fat Science Technology, March 1992, pp. 79-82, 94 (3), Konradin Industrieverlag GMBH, Germany.	
	BEHR, A., "Selective Hydrogenation of Multi-Unsaturated Fatty-Acids in the Liquid-Phase," Fett Wissenschaft Technologie-Fat Science Technology, Jan. 1993, pp. 2-11, 95(1), Konradin Industrieverlag GMBH, Germany.	
	BERNAS, A., et al., "Influence of Hydrogen Preactivation on the Linoleic Acid Isomerization Properties of Supported Ruthenium Catalyst," 2003, pp. 3-10, Vol. 78, No. 1, Budapest.	
	BHERING, D. et al., "Preparation of High Loading Silica-Supported Nickel Catalyst: Analysis of the Reduction Step," Applied Catalysis A: General, 2002, pp. 55-64, 234 (1).	
*	BREHM, A., et al., "Use of Platinum-Loaded Y-Zeolites as Catalysts for Hydrogenation of Liquid and Low-Melting Fats," Chemie Ingenieur Technik, Dec. 1989, pp. 963-964, Vol. 61 (12).	
	CHOO, H.P., et al., "Activity and selectivity of noble metal colloids for the hydrogenation of polyunsaturated soybean oil," J MOL CATAL A-CHEM 191 (1): 113-121 JAN 2 2003.	
	CHOO, H.P., et al., "Hydrogenation of palm olein catalyzed by polymer stabilized Pt colloids," Journal of Molecular Catalysis A: Chemical 165: 127-134 2001.	
	CHUNG, C.S. et al., "Catalyst Preparation and Support Effects for Triglyceride Hydrogenation over Supported Nickel," J Chem. Tech. Biotechnol, 1987, pp. 15-30, Vol. 38, Great Britain.	
	DROZDOWSKI, B., et al., "Effect of rapeseed oil hydrogenation conditions on trans isomers formation," Eur. J. Lipid Sci. Technol. 102: 642-645 2000.	
	FERRERAS, J.F., et al., "Influence of the Clay and the Nickel Content in Catalysts for Vegetable Oil Hydrogenation," React. Kinet. Catal. Lett., Vol. 53, No. 1: 1-6 1994.	
	FILLION, B. et al. "Gas-liquid mass-transfer and hydrodynamic parameters in a soybean oil hydrogenation process under industrial conditions," IND ENG CHEM RES 39 (7): 2157-2168 JUL 2000.	
	FILLION, B., et al., "Kinetics, Gas-Liquid Mass Transfer, and Modeling of the Soybean Oil Hydrogenation Process," Ind. Eng. Chem. Res.: 697-709 2002.	
	FURLONG, K., "The Low Trans Challenge", Oils and Fats International, July 2004, pp. 30-31.	
	GONZALES-MARCOS, M.P., et al., "Nickel on Silica Systems. Surface Features and Their Relationship with Support, Preparation Procedure and Nickel Content," APPL CATAL A-GEN 162 (1-2): 269-280 NOV 18 1997.	
	GONZALEZ-MARCOS, M.P., et al., Effect of Thermal Treatments on Surface Chemical Distribution and Catalyst Activity in Nickel on Silica Systems," J MOL CATAL A-CHEM 120 (1-3): 185-196, JUN 13, 1997.	
	GONZALEZ-MARCOS, M.P., et al., "Control of the Product Distribution in the Hydrogenation of Vegetable Oils over Nickel on Silica Catalysts," The Canadian Journal of Chemical Engineering, Vol. 76: 927-935 Oct. 1998.	
	GRAU, R. J., et al., "The Cup-and-Cap Reactor: A Device To Eliminate Induction Times in Mechanically Agitated Slurry Reactors Operated with Fine Catalyst Particles," Ing. Eng. Chem. Res., Vol. 26, No. 1, 18-22, 1987.	

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Sheet	6	of	8	Attorney Docket Number	334498005US2

	HERRERO, J., et al., "Catalytic Behaviour of Rhodium Supported on Palygorskite, Silica and Titania in Oil Hydrogenation," <i>Applied Catalysis A: General</i> , 86: 37-43, 1992.	
	HSU, N, et al., "Catalytic Behavior of Palladium in the Hydrogenation of Edible Oils," <i>J AM OIL CHEM SOC</i> , 65 (3): 349-356, Mar 1988.	
	ILINITCH, O.M., "Nanosize Palladium Loaded Catalytic Membrane: Preparation and Cis-Trans Selectivity in Hydrogenation of Sunflower Oil," <i>STUD SURF SCI CATAL</i> 118: 55-61 1998.	
	JART, A., "The magnetic field as an additional selectivity parameter in fat hydrogenation," <i>J AM OIL CHEM SOC</i> 74 (5): 615-617 MAY 1997.	
	JOVANOVIC, D., et al., "Nickel hydrogenation catalyst for tallow hydrogenation and for the selective hydrogenation of sunflower seed oil and soybean oil," <i>CATAL TODAY</i> 43 (1-2): 21-28 AUG 13 1998.	
	JOVANOVIC, D., et al., "The influence of the isomerization reactions on the soybean oil hydrogenation process," <i>J MOL CATAL A-CHEM</i> 159 (2): 353-357, 2000.	
	JU, J.W., et al., "Effects of alcohol type and amounts on conjugated linoleic acid formation during catalytic transfer hydrogenation of soybean oil," <i>J FOOD SCI</i> 68 (6): 1915-1922 AUG 2003.	
	JU, J.W., et al., "Formation of conjugated linoleic acids in soybean oil during hydrogenation with a nickel catalyst as affected by sulfur addition," <i>J AGR FOOD CHEM</i> 51 (10): 3144-3149, MAY 7, 2003.	
	JUNG, M.O., et al., "CLA Formation in Oils During Hydrogenation Process as Affected by Catalyst Types, Catalyst Contents, Hydrogen Pressure, and Oil Species," <i>JAOCS</i> , Vol. 79, no. 5: 501-510 2002.	
	JUNG, M.O., et al., "Effects of Temperature and Agitation Rate on the Formation of Conjugated Linoleic Acids in Soybean Oil during Hydrogenation Process," <i>J. Agric. Food Chem.</i> : 3010-3016 2001.	
	KING, J., et al., "Hydrogenation of Vegetable Oils Using Mixtures of Supercritical Carbon Dioxide and Hydrogen," <i>JAOCS</i> , Vol. 78 no. 2 107-113 2001.	
	KITAYAMA, Y., et al., "Catalytic Hydrogenation of Linoleic Acid over Platinum-Group Metals Supported on Alumina," <i>JAOCS</i> , Vol. 74, no. 5: 525-529 1997.	
	KOSEOGLU, S.S., et al., "Recent Advances in Canola Oil Hydrogenations," <i>J AM OIL CHEM SOC</i> 67 (1): 39-47 JAN 1990.	
	LIST, G.R., et al., "Hydrogenation of Soybean Oil Triglycerides: Effect of Pressure on Selectivity," <i>JAOCS</i> , Vol. 77, no. 3: 311-314 2000.	
	M.B. Macher, A. Holmqvist, "Hydrogenation of palm oil in near-critical and supercritical propane," <i>EUR J LIPID SCI TECH</i> 103 (2): 81-84 FEB 2001.	
	MANGNUS G., "Hydrogenation of Oils at Reduced TFA Content", <i>Oils and Fats International</i> , July 2004, pp. 33-35.	
	MONDAL, K., et al., "Mediator-assisted electrochemical hydrogenation of soybean oil," <i>Chemical Engineering Science</i> : 2643-2656 2003.	
	NAGLIC, M., et al., "Kinetics of Catalytic Transfer Hydrogenation of some Vegetable Oils," <i>JAOCS</i> , Vol. 75, no. 5: 629-633 1998.	
	NELE, M., et al., "Preparation of high loading silica supported nickel catalyst: simultaneous analysis of the precipitation and aging steps," <i>APPL CATAL A-GEN</i> 178 (2): 177-189 MAR 22 1999.	
	PARRY, J.D., et al., "The Hydrogenation of Triglycerides Using Supported Alloy Catalysts. I. Silica-Supported Ni-Ag Catalysts," <i>J CHEM TECHNOL BIOT</i> 50 (1): 67-80 1991.	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/750,457-Conf. #4983
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				First Named Inventor	Hans Van Toor
				Art Unit	1621
				Examiner Name	Not Yet Assigned
Sheet	7	of	8	Attorney Docket Number	334498005US2

	PARRY, J.D., et al., "The Hydrogenation of Triglycerides Using Supported Alloy Catalysts. II. Silica-Supported Pd-Cu Catalysts," J CHEM TECHNOL BIOT 50 (1): 81-90 1991.	
	RAVASIO, N., et al., "Environmental friendly lubricants through selective hydrogenation of rapeseed oil over supported copper catalysts," Applied Catalysis A: General 233: 1-6 2002.	
	SANTACESARIA, E., et al., "Role of mass transfer and kinetics in the hydrogenation of rapeseed oil on a supported palladium catalyst," Applied Catalysis A: General 116: 269-294 1994.	
	SCHOON, N.H., "Is a Low Trans Content Attainable by Conventional Hydrogenation of Vegetable Oils?", Oils-Fats-Lipids, Proceedings of the 21st World Congress of the International Society for Fat Research (ISF), The Hague: 155-158 October 1995.	
	SIMON, P., et al., "A Simplified Horiuti-Polanyi Scheme for the Hydrogenation of Triacylglycerols," JAOCS, Vol. 68, no. 2: 74-78 February 1991.	
	SMIDOVNIK, A., et al., "Catalytic Transfer Hydrogenation of Soybean Oil," JAOCS, Vol. 69, no. 5: 405-409 May 1992.	
	SMIDOVNIK, A., et al., "Kinetics of Catalytic Transfer Hydrogenation of Soybean Oil," JAOCS, Vol. 71, no. 5: 507-511 May 1994.	
	SUH, D.J., et al., "Nickel-alumina composite aerogels as liquid-phase hydrogenation catalysts," J NON-CRYST SOLIDS 285 (1-3): 309-316 JUN 1 2001.	
	TAKEYA, K. et al., "Hydrogenation of Soybean Oil by Loop Reactor Equipped with Venturi Nozzle," J JPN SOC FOOD SCI 42 (4): 237-247 1995.	
	TAKEYA, K., et al., "Influence of Nitrogen Gas on Hydrogenation of Corn Oil .2. Novel Method of Edible oil Hydrogenation," J JPN SOC FOOD SCI 43 (4): 417-422 1996.	
	TAKEYA, K., et al., "Novel Method of Edible Oil Hydrogenation .1. Influence of Inert-Gases on Hydrogenation of Soybean Oil," J JPN SOC FOOD SCI 42 (6): 410-418 1995.	
	TAKEYA, K., et al., "Soybean oil hydrogenation using hydrogen storage alloy .3. Novel method of edible oil hydrogenation," J JPN SOC FOOD SCI 43 (5): 502-509 1996.	
	THOMSON, A., et al., "Silica-Supported Alloy Catalysts for Triglyceride Hydrogenation: The preparation and Properties fo Pd-Ag and Pd-Ni Systems," J CHEM TECHNOL BIOT 37 (4): 257-270 1987.	
	VELDSINK, J., "Selective Hydrogenation of Sunflower Seed Oil in a Three-Phase Catalytic Membrane Reactor," JAOCS, Vol. 78, no. 5: 443-446 2001.	
	VELDSINK, J.W., et al., "Heterogeneous hydrogenation of vegetable oils: A literature review," CATAL REV 39 (3): 253-318 1997.	
	WANG, Y.Q., et al., "A natural seed oil rich in omega6 and omega3 fatty acids," <a href="http://www.unl.ac.uk/ibchn/publication/pns01_wang_02.pdf">http://www.unl.ac.uk/ibchn/publication/pns01_wang_02.pdf</a> , 1 page.	
	WARNER, K., et al., "Electrochemical Hydrogenation of Edible Oils in a Solid Polymer Electrolyte Reactor. Sensory and Compositional Characteristics of Low Trans Soybean Oils," JAOCS, Vol. 77, no. 10 1113-1117 2000.	
	WEIDONG, A., et al., "The Electrochemical Hydrogenation of Edible Oils in a Solid Polymer Electrolyte Reactor. I. Reactor Design and Operation," JAOCS, Vol. 75, no. 8: 917-925 1998.	
	WEIDONG, A., et al., "The Electrochemical Hydrogenation of Edible Oils in a Solid Polymer Electrolyte Reactor. II. Hydrogenation Selectivity Studies, JAOCS, Vol. 76, no. 2: 215-222 1999.	
	WRIGHT, A.J., et al., "Cis selectivity of mixed catalyst systems in canola oil hydrogenation," Food Research International: 797-804 2003.	

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Sheet	8	of	8	Attorney Docket Number	334498005US2

		YUSEM, G., et al., "Electrocatalytic hydrogenation of soybean oil in a radial flow-through Raney nickel powder reactor," Journal of Applied Electrochemistry: 989-997 1996.	
		YUSEM, G.J., et al., "The Electrocatalytic Hydrogenation of Soybean Oil," JAOCS, Vol. 69, no. 5: 399-404 May 1992.	

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